

Computer Science &  
Engineering

# BYTESTREAM

January 2024 / Volume 1  
Issue 1

## Computer Science & Engineering

The Computer Science and Engineering Department offers a 4-year undergraduate and postgraduate program focusing on industry-standard projects. They prioritize excellent teaching, strong alumni connections, and an Industry attachment program. With a unique curriculum and methodology, the department equips students with skills and knowledge for the computing industry. Core objectives include providing real-time industry skills, supported by top-notch infrastructure. The vision is to transform students into employable engineers through knowledge acquisition, skill improvement, positive attitude, and exposure to the latest technology.

## From The Desk of HOD

**Dr. Harish Patidar**

Head of the Department



Welcome to the New Academic Year - A Message from the CSE Head of Department

I'm excited for the opportunities ahead. Embrace the journey of innovation and discovery. Our dynamic environment focuses on creativity, critical thinking, and technical excellence. Whether undergrad or grad, you're not just students; you're contributors to the future of technology.

Our faculty is dedicated to providing a rich blend of theoretical knowledge and practical skills. Engage actively with courses, collaborate with peers, and explore department resources. Involvement in extracurricular activities, student organizations, and research enhances your personal and professional development.

Communication is key; reach out to professors, advisors, and peers for support. We're here to ensure your success and foster an inclusive and supportive community. Wishing you a successful academic year filled with growth, achievements, and a relentless pursuit of knowledge and excellence. The CSE Department is not just a place of learning; it's a community of thinkers, doers, and dreamers. Looking forward to witnessing your accomplishments in the months ahead!

## Faculty Editorial Board



**Dr. Harish Patidar**  
CHIEF EDITOR



**Ms. Priyanka Khabiya**  
EDITOR



**Mr. Shrawan Kumar Sharma**  
EDITOR

## Student Editorial Board



**Mohd. Vasim Ansari**



**Tanveer Hussain**



**Niraj Kumawat**



**Ishank Kimtee**



**Anukriti Kethunia**



**Sona Patidar**

# Student Spotlight: Igniting Success through Achievements and Certifications

Deepesh Saini   Plain II   Accenture   Data Analytics

Kanhaiyalal   Plain III   NPTEL   Programming in Java

Niraj Kumawat   Plain II   Coursera   Crash Course on Python

Naveen Malviya   Plain III   NPTEL   Programming in Java

Tanveer Hussain   Plain II   Springboard   Learning React

Vasim Ansari   Plain II   Springboard   Artificial Intelligence

Dali Porwal   Plain II   NSDC   Web Design

Ashwin Jaiswal   Plain II   Springboard   Artificial Intelligence

Palak Sharma   AI II   Springboard   Artificial Intelligence

Abhishek   BCT II   Springboard   Block Chain

Ishank Kimtee   Plain II   Springboard   Deep Learning

Rohit Patidar   BCT II   Springboard   Block Chain

Mo. Aamir   AI II   Springboard   Artificial Intelligence

Abhishek Sharma   Plain II   Springboard   Deep Learning

Dimple Kalwani   AI I   Springboard   Basic Python

Stuti Gupta   AI II   Springboard   Artificial Intelligence

Tarun Rana   Plain II   Springboard   Artificial Intelligence

Aastha Maida   Plain II   Springboard   Artificial Intelligence

Chirag Mehta   BCT II   Springboard   Block Chain

Shree Ghatiya   Plain I   Udemy   Python

Aayush Saini   Plain I   Great Larning   C For Beginner

Sona Patidar   Plain I   Springboard   Artificial Intelligence

## Credentials of Excellence: Faculty Certification Showcased

Dr Harish Patidar   Data Structure using C   Swayam

Mr Prabaht Kumar Singh   Python for Data Science   NPTEL

Mr.Prabhat Kumar Singh   Introduction to AI   Infosys Springboard

Mr. NandKishor Patidar   Basics of Python   Infosys Springboard

Ms. Priyanka Khabiya   Professional Skills for the Workplace   Coursera

Mr. Shrawan Kumar Sharma   Introduction to Blockchain   Infosys Springboard

Mr. Shrawan Kumar Sharma   Introduciton to AI   Infosys Springboard

Mr. NandKishor Patidar   Introduction to ML   Infosys Springboard

Dr. Prashant Sharma   Machine Learning   NPTEL

Ms. Priyanka Khabiya   Introduction to Data Science   Infosys Springboard

# HIGHLIGHTS OF THE EVENTS

## Birthday Celebration



Computer Science Engineering joyfully celebrated Mr. Manish Upadhyay's birthday, fostering camaraderie among faculty and staff. The jubilant occasion gave rise to unforgettable moments, as the department came together to create lasting memories, epitomizing the spirit of togetherness.

## Training Placement Cell Interactions



Professor Dr. Vishal Soni from Mandsaur university conducted an oriented session for final year students on 20-01-2024, focusing on enhancing their skills and guiding them towards their career paths.

# FACULTY PUBLICATIONS

## PAPER PUBLICATION IN CONFERENCE

Dr. Harish Patidar (2023, August 18). "Optimizing CNN Model Performance for MNIST and CIFAR Classification Using Rectified Sigmoid and ReS Activation Functions." Paper presented at the 7th International Conference On Computing, Communication, Control And Automation (ICCUBEA), pp. 1-6. IEEE.

## JOURNAL PUBLICATIONS

Dr. Prashant Sharma(2023, December 1). "Weighted Ensemble LSTM Model with Word Embedding Attention for E-Commerce Product Recommendation." Journal of Communications Software & Systems, 19(4).

## PAPER PUBLICATION IN CONFERENCE

Sitaram Patel (2024). "Covid-19 Detection Using Fourier-Bessel Series Expansion Based Dyadic Decomposition and CNN." Paper presented at the 3RS International Conference on Universal Threats in Expert Applications and Solutions, January 6-7, 2024, Shree Kkarni University College, Jaipur.

## BOOK CHAPTER PUBLICATION

Shrawan Kumar Sharma ,Dr. Prashant Sharma, Ms. Priyanka Khabiya (2023). Experiences Exploring Data Science in Education 4.0: Overcoming Challenges, Unveiling Technologies, and Maximizing Tools for Elevated Learning Experiences. [BP International] , Page range. 88-102.

# Class Representative And Class Mentor List for Computer Science and Engineering

Year	Branch	Class Representative	Class Mentors
I	PLAIN	Shree Ghatiya Saksham Doshi	Ms. Yashika Mathur
	AI	Jayanth Jain Jigyasa Joshi	Mr. Sitaram Patel
	BCT	Niyati Jain Harshit Atoliya	Mr. Shrawan Kumar Sharma
II	PLAIN	Niraj Kumawat Sona Patidar	Mr.Manish Upadhyay
	AI	Yash Mali Palak Sharma	Dr.Firoj Parwej
	BCT	Chirag Mehta	Mr. Shrawan Kumar Sharma
III	PLAIN/AI	Ayushi Devda Suresh Kiyani	Dr. Prashant Sharma(PLAIN) Mr. Nandkishor Patidar(PLAIN) Mr. Shrawan Kumar Sharma(AI)
IV	PLAIN	Krish Rawaliya Ms Suhani Mandliya	Ms. Priyanka Khabiya

## Attendance Topper of Month

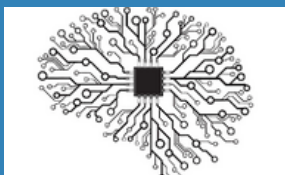
<b>NAVEEN MALVIYA</b> 21ENG3CSE1053 CSE 6th sem	<b>BHARAT LOHAR</b> 22ENG3CSE1016 CSE 4th sem	<b>SHREYANSH SURANA</b> 23ENG3CSE1055 CSE 2nd sem	<b>SHUBHAM PORWAL</b> 23ENG3CAI1063 CSE AI 2nd sem	<b>SHIVAM</b> 23ENG3CAI1062 CSE AI 2nd sem
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## Upcoming Value Added Courses



### NLP

Indeed Inspiring Pune  
CSE 3rd year plain  
students:  
12 Feb 2024 - 17 Feb 2024



### Deep Learning

Indeed Inspiring Pune  
CSE 3rd year ai students:  
12 Feb 2024 - 17 Feb 2024



### Data Science

Indeed Inspiring Pune  
CSE 2nd year plain  
students:  
19 Feb 2024 - 23 Feb 2024



### Data Visualization

Indeed Inspiring Pune  
CSE 2nd year ai students:  
19 Feb 2024 - 23 Feb 2024

Thanks for reading! Hoping our newsletter sparks engagement among students and staff.



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